

TECHNICAL DATASHEET



Polyamide 6

SN0240BTH

Others	Test Conditions	Typical Value	Unit	Test Method
Filler Content	—	0	%	ISO3451-1
Density	23°C	1.13±0.02	g/cm ³	ISO 1183
Melt Flow Rate	250°C, 2.16kg	—	g/10min	ISO 1133
Relative Viscosity	96%H ₂ SO ₄ , 1g/dl	2.43±0.03	—	ISO307
Viscosity number	96%H ₂ SO ₄ , 0.5g/dl	130±5	ml/g	ISO307
Extractables	—	≤0.5	%	ISO6427
Impurities、 Different color particles	Visual inspection	≤1	grain/g	—

Mechanical	Test Conditions	Typical Value	Unit	Test Method
Flexural Strength	23°C, 2mm/min	100	MPa	ISO178
Flexural Modulus	23°C, 2mm/min	2400	MPa	ISO178
Tensile Strength	I-spline, 50mm/min	72	Mpa	ISO527
Tensile Module	I-spline, 1mm/min	2500	Mpa	ISO527
Tensile Strain at Break	I-spline, 50mm/min	115	%	ISO527
Charpy Notched Impact Strength	23°C	7/C	kJ/m ²	ISO179/1eA
Charpy Unnotched Impact Strength	23°C	50/N	kJ/m ²	ISO179/1eU
Rockwell Hardness	R Scale	65	—	ISO2039-2

Product Packaging

25kgs Bag/FIBC

